

Pollutants of Interest
October 2007

These 48 pollutants have been evaluated based on multiple screening criteria and have been determined to warrant further assessment for air quality modeling purposes. It is not necessary for industry stakeholders to explicitly address all of these pollutants; however if emissions-related data is available, IDEM intends to request that information. The CAS number is listed in parenthesis next to the pollutants name.

1,1,2,2-Tetrachloroethane (79-34-5)	Mercury Compounds
1,1,2-Trichloroethane (79-00-5)	Naphthalene (91-20-3)
1,2-Dibromomethane (106-93-4)	Nickel Compounds
1,2-Dichloroethane (107-06-2)	p-Dichlorobenzene (106-46-7)
1,2-dichloropropane (78-87-5)	Pyridine (110-86-1)
1,3-butadiene (106-99-0)	Sulfuric Acid (7664-39-3)
1,4-dioxane (123-91-1)	Tetrachloroethene (127-18-4)
Acetaldehyde (75-07-0)	Toluene (108-88-3)
Acetonitrile (75-05-8)	Triethylamine (121-44-8)
Acrolein (107-02-8)	Vinyl Chloride (75-01-4)
Ammonia (7664-41-7)	Vinylidene Chloride (75-35-4)
Arsenic Compounds	Xylene (1330-20-7)
Barium (7440-39-3)	
Benzene (71-43-2)	
Benzo(a)pyrene (50-32-8)	
Benzo(g,h,i)perylene (191-24-2)	
Benzyl Chloride (100-44-7)	
Beryllium Compounds	
Bis(2-ethylhexyl)phthalate (117-81-7)	
Bromodichloromethane (75-27-4)	
Bromomethane (74-83-9)	
Cadmium Compounds	
Carbon Tetrachloride (56-23-5)	
Chloroform (67-66-3)	
Chromium Compounds	
Chromium (VI) (18540-29-9)	
Cobalt (7440-48-3)	
Crotonaldehyde (4170-30-3)	
Dibromochloromethane (124-48-1)	
Formaldehyde (50-00-0)	
Hexachloro-1,3-butadiene (87-68-3)	
Hexamethylene Diisocyanate (822-06-0)	
Hydrochloric Acid (7647-01-0)	
Hydrogen Fluoride (7664-39-3)	
Lead Compounds	
Manganese Compounds	